IEEE Xplore RELEASE 2.1

Welcome United States Patent and Trademark Office

☐ Search Session History

BROWSE SEARCH IEEE XPLORE GUIDE

Wed, 16 Aug 2006, 3:27:24 PM EST

Edit an existing query or compose a new query in the Search Query Display.

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Search Query Display

[redacted]

Recent Search Queries

#1	((structure?<paragraph>(thermal<sentence>comfort*))<in>metadata)
#2	((structure?<paragraph>(thermal<sentence>comfort*))<in>metadata)
#3	structure? and thermal<sentence>comfort and translucent
#4	structure? and thermal<sentence>comfort
#5	structure? and thermal<sentence>comfort
#6	structure? and thermal<sentence>comfort

[redacted]

© Copyright 2006 IE

Indexed by Inspec®

IEEE Xplore RELEASE 2.1

e-mail

Results for **"structure? and thermal<sentence>comfort and translucent"**

Your search matched **0** of **1392165** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

structure? and thermal<sentence>comfort and translucent Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revising your search

© Copyright 2006 IE

Indexed by Inspec

IEEE Xplore RELEASE 2.1

Home | Login | Logout | Access Information | Ale

Welcome United States Patent and Trademark Office

Search Results BROWSE SEARCH IEEE XPLORE GUIDE

Results for **"structure? and thermal<sentence>comfort"**

e-mail

Your search matched **41** of **1392165** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

structure? and thermal<sentence>comfort Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **2002 summer meeting preview**
Reder, W.; Frost, K.;
Power Engineering Review, IEEE
Volume 22, Issue 4, April 2002 Page(s):30 - 37
Digital Object Identifier 10.1109/MPER.2002.994840
AbstractPlus | Full Text: PDF(432 KB) IEEE JNL
Rights and Permissions

2. **A fuzzy logic based approach to direct load control**
Bhattacharyya, K.; Crow, M.L.;
Power Systems, IEEE Transactions on
Volume 11, Issue 2, May 1996 Page(s):708 - 714
Digital Object Identifier 10.1109/59.496143
AbstractPlus | References | Full Text: PDF(868 KB) IEEE JNL
Rights and Permissions

3. **The energy consumption of desktop computers: measurement and savings potential**
Newsham, G.R.; Tiller, D.K.;
Industry Applications, IEEE Transactions on
Volume 30, Issue 4, July-Aug. 1994 Page(s):1065 - 1072
Digital Object Identifier 10.1109/28.297924
AbstractPlus | Full Text: PDF(620 KB) IEEE JNL
Rights and Permissions

4. **Fan noise reduction of household refrigerator**
Takushima, A.; Shinobu, Y.; Tanaka, S.; Eguchi, M.; Matsuki, K.;
Industry Applications, IEEE Transactions on
Volume 28, Issue 2, March-April 1992 Page(s):287 - 292
Digital Object Identifier 10.1109/28.126731
AbstractPlus | Full Text: PDF(472 KB) IEEE JNL
Rights and Permissions

5. **Communication systems for building automation and control**
Kastner, W.; Neugschwandtner, G.; Soucek, S.; Newmann, H.M.;
Proceedings of the IEEE
Volume 93, Issue 6, June 2005 Page(s):1178 - 1203
Digital Object Identifier 10.1109/JPROC.2005.849726

AbstractPlus | References | Full Text: PDF(760 KB) IEEE JNL
Rights and Permissions

6. **Flexible technologies and smart clothing for citizen medicine, home healthcare, and disease**
Fabrice Axisa; Schmitt, P.M.; Gehin, C.; Delhomme, G.; McAdams, E.; Dittmar, A.;
Information Technology in Biomedicine, IEEE Transactions on
Volume 9, Issue 3, Sept. 2005 Page(s):325 - 336
Digital Object Identifier 10.1109/TITB.2005.854505
AbstractPlus | Full Text: PDF(2248 KB) IEEE JNL
Rights and Permissions

7. **Integrated protective systems for operational acceleration-induced loss of consciousness**
Whitley, P.E.;
Engineering in Medicine and Biology Magazine, IEEE
Volume 10, Issue 1, March 1991 Page(s):66 - 75
Digital Object Identifier 10.1109/51.70043
AbstractPlus | Full Text: PDF(816 KB) IEEE JNL
Rights and Permissions

8. **Key design selections for the 20.4 MWh SMES/ETM**
Loyd, R.J.; Walsh, T.E.; Kimmy, E.R.;
Magnetics, IEEE Transactions on
Volume 27, Issue 2, Part 4, Mar 1991 Page(s):1712 - 1715
Digital Object Identifier 10.1109/20.133520
AbstractPlus | Full Text: PDF(400 KB) IEEE JNL
Rights and Permissions

9. **Design of decentralized robust controllers for multizone space heating systems**
Zaheer-Uddin, M.; Patel, R.V.; Al-Assadi, S.A.K.;
Control Systems Technology, IEEE Transactions on
Volume 1, Issue 4, Dec. 1993 Page(s):246 - 261
Digital Object Identifier 10.1109/87.260270
AbstractPlus | Full Text: PDF(976 KB) IEEE JNL
Rights and Permissions

10. **On the profile design and optimization of epitaxial Si- and SiGe-base bipolar technology for Circuit performance issues**
Cressler, J.D.; Crabbe, E.F.; Comfort, J.H.; Stork, J.M.C.; Sun, J.Y.-C.;
Electron Devices, IEEE Transactions on
Volume 40, Issue 3, March 1993 Page(s):542 - 556
Digital Object Identifier 10.1109/16.199359
AbstractPlus | Full Text: PDF(1464 KB) IEEE JNL
Rights and Permissions

11. **Recent developments in modeling heat transfer in blood perfused tissues**
Arkin, H.; Xu, L.X.; Holmes, K.R.;
Biomedical Engineering, IEEE Transactions on
Volume 41, Issue 2, Feb. 1994 Page(s):97 - 107
Digital Object Identifier 10.1109/10.284920
AbstractPlus | Full Text: PDF(848 KB) IEEE JNL
Rights and Permissions

12. **Optimal indoor temperature control using a predictor**
Lute, P.; van Paassen, D.;
Control Systems Magazine, IEEE
Volume 15, Issue 4, Aug. 1995 Page(s):4 - 10
Digital Object Identifier 10.1109/37.408466
AbstractPlus | Full Text: PDF(576 KB) IEEE JNL
Rights and Permissions

13. **Scaling issues and Ge profile optimization in advanced UHV/CVD SiGe HBT's**
Richey, D.M.; Cressler, J.D.; Joseph, A.J.;
Electron Devices, IEEE Transactions on
Volume 44, Issue 3, March 1997 Page(s):431 - 440
Digital Object Identifier 10.1109/16.556153
AbstractPlus | References | Full Text: PDF(244 KB) IEEE JNL
Rights and Permissions

14. **Profile design considerations for minimizing base transit time in SiGe HBT's**
Patri, V.S.; Kumar, M.J.;
Electron Devices, IEEE Transactions on
Volume 45, Issue 8, Aug. 1998 Page(s):1725 - 1731
Digital Object Identifier 10.1109/16.704371
AbstractPlus | References | Full Text: PDF(308 KB) IEEE JNL
Rights and Permissions

15. **SiGe HBT technology: a new contender for Si-based RF and microwave circuit applications**
Cressler, J.D.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 46, Issue 5, Part 2, May 1998 Page(s):572 - 589
Digital Object Identifier 10.1109/22.668665
AbstractPlus | References | Full Text: PDF(392 KB) IEEE JNL
Rights and Permissions

16. **Characterization and profile optimization of SiGe pFETs on silicon-on-sapphire**
Mathew, S.J.; Guofu Niu; Dubbelday, W.B.; Cressler, J.D.;
Electron Devices, IEEE Transactions on
Volume 46, Issue 12, Dec. 1999 Page(s):2323 - 2332
Digital Object Identifier 10.1109/16.808073
AbstractPlus | References | Full Text: PDF(288 KB) IEEE JNL
Rights and Permissions

17. **A living laboratory**
Lightner, M.R.; Carlson, L.; Sullivan, J.F.; Brandemuehl, M.J.; Reitsma, R.;
Proceedings of the IEEE
Volume 88, Issue 1, Jan. 2000 Page(s):31 - 40
Digital Object Identifier 10.1109/5.811599
AbstractPlus | Full Text: PDF(640 KB) IEEE JNL
Rights and Permissions

18. **Special topic section on microtechniques, microsensors, microactuators, and microsystems**
Dittmar, A.; Najafi, K.;
Biomedical Engineering, IEEE Transactions on
Volume 47, Issue 1, Jan. 2000 Page(s):1 - 2
Digital Object Identifier 10.1109/TBME.2000.817610
AbstractPlus | Full Text: PDF(20 KB) IEEE JNL
Rights and Permissions

19. **Low-power consumption polymeric attenuator using a micromachined membrane-type wave**
Sang-Shin Lee; Jong-Uk Bu; Seung-Yeob Lee; Ki-Chang Song; Chil-Geun Park; Tae-Sik Kim;
Photonics Technology Letters, IEEE
Volume 12, Issue 4, April 2000 Page(s):407 - 409
Digital Object Identifier 10.1109/68.839034
AbstractPlus | References | Full Text: PDF(232 KB) IEEE JNL
Rights and Permissions

20. **The early history of IBM's SiGe mixed signal technology**

Harame, D.L.; Meyerson, B.S.;
Electron Devices, IEEE Transactions on
Volume 48, Issue 11, Nov. 2001 Page(s):2555 - 2567
Digital Object Identifier 10.1109/16.960383

AbstractPlus | References | Full Text: PDF(168 KB) IEEE JNL
Rights and Permissions

21. **Single-wafer process technology: enabling rapid SiGe BiCMOS development**
Schuegraf, K.;
Semiconductor Manufacturing, IEEE Transactions on
Volume 16, Issue 2, May 2003 Page(s):121 - 127
Digital Object Identifier 10.1109/TSM.2003.810940

AbstractPlus | References | Full Text: PDF(469 KB) IEEE JNL
Rights and Permissions

22. **Automatic controls in building services**
Harrold, M.V.; Lush, D.M.;
Electric Power Applications, IEE Proceedings B [see also IEE Proceedings-Electric Power Applicat
Volume 135, Issue 3, May 1988 Page(s):105 - 133

AbstractPlus | Full Text: PDF(2556 KB) IEE JNL

23. **Building HVAC Control Systems - Role of Controls and Optimization**
Sane, H.S.; Haugstetter, C.; Bortoff, S.A.;
American Control Conference, 2006
June 14-16, 2006 Page(s):1121 - 1126

AbstractPlus | Full Text: PDF(453 KB) IEEE CNF
Rights and Permissions

24. **Iterative Learning Control of Shape Memory Alloy Actuators with Thermoelectric Temperatu Multifunctional Car Seat**
Menon, M.; Asada, H.H.;
American Control Conference, 2006
June 14-16, 2006 Page(s):935 - 939

AbstractPlus | Full Text: PDF(283 KB) IEEE CNF
Rights and Permissions

25. **An international approach to lunar exploration in preparation for Mars**
Gallo, M.; Avnet, M.; Broniatowski, D.;
Aerospace, 2005 IEEE Conference
5-12 March 2005 Page(s):4107 - 4123
Digital Object Identifier 10.1109/AERO.2005.1559716

AbstractPlus | Full Text: PDF(536 KB) IEEE CNF
Rights and Permissions

Help Contact Us Privac

Indexed by Inspec®

© Copyright 2006 IE

IEEE Xplore RELEASE 2.1

Home | Login | Logout | Access Information | Alt

Welcome United States Patent and Trademark Office

Search Results BROWSE SEARCH IEEE XPLORE GUIDE

Results for **"structure? and thermal<sentence>comfort"**

e-mail

Your search matched **41** of **1392165** documents.

A maximum of **41** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

structure? and thermal<sentence>comfort Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

26. **Electrical thermal storage modeling: a tool to evaluate new opportunities and bids for reside deregulated market**
Molina, A.; Gabaldon, A.; Fuentes, J.A.; Gomez, E.; Alvarez, C.;
Power Tech Conference Proceedings, 2003 IEEE Bologna
Volume 4, 23-26 June 2003 Page(s):6 pp. Vol.4
Digital Object Identifier 10.1109/PTC.2003.1304783
AbstractPlus | Full Text: PDF(510 KB) IEEE CNF
Rights and Permissions

27. **Fault detection and diagnosis of valve actuators in HVAC systems**
Tudoroiu, N.; Zaheeruddin, M.;
Control Applications, 2005. CCA 2005. Proceedings of 2005 IEEE Conference on
28-31 Aug. 2005 Page(s):1281 - 1286
Digital Object Identifier 10.1109/CCA.2005.1507308
AbstractPlus | Full Text: PDF(273 KB) IEEE CNF
Rights and Permissions

28. **Table of contents**
Control Applications, 2005. CCA 2005. Proceedings of 2005 IEEE Conference on
28-31 Aug. 2005 Page(s):0_21 - 1_29
Digital Object Identifier 10.1109/CCA.2005.1507090
Full Text: PDF(254 KB) IEEE CNF
Rights and Permissions

29. **Table of contents**
American Control Conference, 2005. Proceedings of the 2005
June 8-10, 2005 Page(s):44 - 87
Full Text: PDF(388 KB) IEEE CNF
Rights and Permissions

30. **Low-Cost Recovery System for Oil, Gas, and Thermal Seepage**
Iorns, M.;
OCEANS
Volume 18, Sep 1986 Page(s):84 - 89
AbstractPlus | Full Text: PDF(696 KB) IEEE CNF
Rights and Permissions

31. **Wrist ambulatory monitoring system and smart glove for real time emotional, sensorial and analysis**
Axisa, F.; Gehin, C.; Delhomme, G.; Collet, C.; Robin, O.; Dittmar, A.;
Engineering in Medicine and Biology Society, 2004. EMBC 2004. Conference Proceedings. 26th A Conference of the
Volume 1, 2004 Page(s):2161 - 2164 Vol.3
Digital Object Identifier 10.1109/IEMBS.2004.1403632
AbstractPlus | Full Text: PDF(272 KB) IEEE CNF
Rights and Permissions

32. **Model-based method to measure thermal comfort in buildings**
Spasokukotskiy, K.; Trankler, H.-R.; Lukasheva, K.;
Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, 200 Second IEEE International Workshop on
2003 Page(s):154 - 158
Digital Object Identifier 10.1109/IDAACS.2003.1249538
AbstractPlus | Full Text: PDF(497 KB) IEEE CNF
Rights and Permissions

33. **A heat dissipation tutorial for wearable computers**
Starner, T.; Maguire, Y.;
Wearable Computers, 1998. Digest of Papers. Second International Symposium on
19-20 Oct. 1998 Page(s):140 - 148
Digital Object Identifier 10.1109/ISWC.1998.729540
AbstractPlus | Full Text: PDF(140 KB) IEEE CNF
Rights and Permissions

34. **Development and application of a distributed microprocessor control system for an air hanc**
Guang Geng;
Control Applications, 1998. Proceedings of the 1998 IEEE International Conference on
Volume 1, 1-4 Sept. 1998 Page(s):537 - 541 vol.1
Digital Object Identifier 10.1109/CCA.1998.728508
AbstractPlus | Full Text: PDF(408 KB) IEEE CNF
Rights and Permissions

35. **Three-dimensional simulation for urban warming in Tokyo and proposal of an environmenta outdoor comfort**
Saitoh, T.S.; Yamada, N.;
Energy Conversion Engineering Conference, 1997. IECEC-97. Proceedings of the 32nd Intersociet
Volume 3, 27 July-1 Aug. 1997 Page(s):2076 - 2081 vol.3
Digital Object Identifier 10.1109/IECEC.1997.656747
AbstractPlus | Full Text: PDF(500 KB) IEEE CNF
Rights and Permissions

36. **Recursive models for multi-roomed BMS applications**
Virk, G.S.; Azzi, D.; Azad, A.K.M.; Loveday, D.L.;
Control '98. UKACC International Conference on (Conf. Publ. No. 455)
1-4 Sept. 1998 Page(s):1682 - 1687 vol.2
AbstractPlus | Full Text: PDF(548 KB) IEE CNF

37. **Application of thermography in monitoring major consumer electricity consumption pattern**
Chan, F.H.Y.; So, A.T.P.;
Advances in Power System Control, Operation and Management, 1993. APSCOM-93., 2nd Interna
7-10 Dec 1993 Page(s):410 - 417 vol.1
AbstractPlus | Full Text: PDF(612 KB) IEE CNF

38. **The effect of new tariffs on electric domestic space heating**
Counsell, J.M.; Reeves, J.H.;
Electricity Distribution, 1993. CIRED., 12th International Conference on

17-21 May 1993 Page(s):5.27/1 - 5.27/5 vol.5

AbstractPlus | Full Text: PDF(344 KB) IEE CNF

39. **IEEE Std C95.1 - 2005 IEEE Standard for Safety Levels with Respect to Human Exposure to I Electromagnetic Fields, 3 kHz to 300 GHz**
IEEE Std C95.1-2005 (Revision of IEEE Std C95.1-1991)
2006 Page(s):0_1 - 238

AbstractPlus | Full Text: PDF(2599 KB) IEEE STD

40. **IEEE recommended practice for electric power distribution for industrial plants**
IEEE Std 141-1993
1994 Page(s):I

AbstractPlus | Full Text: PDF(8060 KB) IEEE STD

41. **IEEE recommended practice for electric power systems in commercial buildings**
IEEE Std 241-1990
18 Sept. 1991

AbstractPlus | Full Text: PDF(7452 KB) IEEE STD

Help Contact Us Privac

Indexed by Inspec®

© Copyright 2006 IE

IEEE Xplore RELEASE 2.1

Home | Login | Logout | Access Information | Ale

Welcome United States Patent and Trademark Office

Search Results BROWSE SEARCH IEEE XPLORE GUIDE

e-mail

Results for "((structure?<paragraph>(thermal<sentence>comfort*))<in>metadata)"
Your search matched 1 of 1392165 documents.
A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

Modify Search

((structure?<paragraph>(thermal<sentence>comfort*))<in>metadata) Search

Check to search only within this results set

» Key

Display Format: Citation Citation & Abstract

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Three-dimensional simulation for urban warming in Tokyo and proposal of an environmenta outdoor comfort**
Saitoh, T.S.; Yamada, N.;
Energy Conversion Engineering Conference, 1997. IECEC-97. Proceedings of the 32nd Intersociet
Volume 3, 27 July-1 Aug. 1997 Page(s):2076 - 2081 vol.3
Digital Object Identifier 10.1109/IECEC.1997.656747
AbstractPlus | Full Text: PDF(500 KB) IEEE CNF
Rights and Permissions

Help Contact Us Privac

Indexed by Inspec

© Copyright 2006 IE

SCIENCE DIRECT Register or Login: user name Password: Go Athens/Institution Log

Home | Search | Journals | Books | Abstract Databases | My Profile | Alerts | Help

Quick Search: within All Full-text Sources Go Search Tips

results **1 - 12**

12 Articles Found

pub-date > 1991 and pub-date < 2003 and structure* and thermal w/10 comfort! and translucent

Edit Search | Save Search | Save as Search Alert Search Withi

Article List | Partial Abstracts | Full Abstracts

display checked docs | e-mail articles | export citations Sort By: Date Go

1. **Indoor air flow analysis based on lattice Boltzmann methods** • ARTICLE
Energy and Buildings, Volume 34, Issue 9, October 2002, Pages 941-949
B. Crouse, M. Krafczyk, S. Kühner, E. Rank and C. van Treeck
SummaryPlus | Full Text + Links | PDF (691 K)

2. **Highly insulating aerogel glazing for solar energy usage** • ARTICLE
Solar Energy, Volume 72, Issue 1, January 2002, Pages 21-29
M. Reim, A. Beck, W. Körner, R. Petricevic, M. Glora, M. Weth, T. Schliermann, J. Fricke, Ch. Schmidt and F. J. Pötter
SummaryPlus | Full Text + Links | PDF (1542 K)

3. **Integration in building physics simulation** • ARTICLE
Energy and Buildings, Volume 33, Issue 5, May 2001, Pages 451-461
S. Citherlet, J. A. Clarke and J. Hand
SummaryPlus | Full Text + Links | PDF (853 K)

4. **Measurement and evaluation of the indoor thermal environment in a large domed stadium** • ARTICLE
Energy and Buildings, Volume 32, Issue 2, July 2000, Pages 217-223
T. Nishioka, K. Ohtaka, N. Hashimoto and H. Onojima
SummaryPlus | Full Text + Links | PDF (767 K)

5. **Science of daylighting in buildings** • ARTICLE
Renewable Energy, Volume 15, Issues 1-4, September-December 1998, Pages 325-330
G. B. Smith, W Yan, M. Hossain and G. McCredie
Abstract | Abstract + References | PDF (468 K)

6. **Solar building—European Union Research and Development Programmes** • ARTICLE
Solar Energy, Volume 58, Issues 1-3, July-September 1996, Pages 127-135
J. Owen Lewis
Abstract | Abstract + References | PDF (825 K)

Design of a fuzzy set environment comfort system • ARTICLE

7. *Energy and Buildings, Volume 22, Issue 1, March 1995, Pages 81-87*
A. I. Dounis, M. J. Santamouris, C. C. Lefas and A. Argiriou
Abstract | Abstract + References | PDF (599 K)

8. **Vernacular technologies applied to modern architecture** • ARTICLE
Renewable Energy, Volume 5, Issues 5-8, August 1994, Pages 900-907
Ken-ichi Kimura
Abstract

9. **Solar permeability of urban trees in cities of western Argentina** • ARTICLE
Energy and Buildings, Volume 20, Issue 3, 1994, Pages 219-230
M. A. Cantón, J. L. Cortegoso and C. de Rosa
Abstract

10. **Building visual comfort control with fuzzy reasoning** • ARTICLE
Energy Conversion and Management, Volume 34, Issue 1, January 1993, Pages 17-28
A. I. Dounis, M. J. Santamouris and C. C. Lefas
Abstract

11. **Transparent insulation of building facades—Steps from research to commercial applications** • ARTICLE
Solar Energy, Volume 49, Issue 5, November 1992, Pages 413-427
P. O. Braun, A. Goetzberger, J. Schmid and W. Stahl
Abstract

12. **Concepts of the development of building physics in the USSR** • ARTICLE
Energy and Buildings, Volume 18, Issue 1, 1992, Pages 25-33
Yu. A. Matrosov and I. N. Butovsky
Abstract

12 Articles Found

pub-date > 1991 and pub-date < 2003 and structure* and thermal w/10 comfort! and translucent

Edit Search | Save Search | Save as Search Alert

results **1 - 12**

Contact Us | Terms & Conditions | Privacy Policy

Copyright © 2006 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.

PORTAL
USPTO
Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide
structure? and thermal<sentence>comfort* and translucent
SEARCH
Feedback Report a problem Satisfaction survey

Terms used
structure? and **thermal** **sentence** **comfort** and **translucent**

Found **3,299** of **184,245**

Sort results by: relevance
Display results: expanded form
Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown
Relevance scale

1 Translucent patches—dissolving windows
Axel Kramer
November 1994 **Proceedings of the 7th annual ACM symposium on User interface software and technology**
Publisher: ACM Press
Full text available: pdf(1.28 MB) Additional Information: full citation, abstract, references, citings, index terms

This paper presents motivation, design, and algorithms for using and implementing translucent, non-rectangular patches as a substitute for rectangular opaque windows. The underlying metaphor is closer to a mix between the architects yellow paper and the usage of white boards, than to rectangular opaque paper in piles and folders on a desktop.Translucent patches lead to a unified view of windows, sub-windows and selections, and provide a base from which the tight connection betwee ...

Keywords: interaction techniques, interface metaphors, irregular shapes, pen based interfaces, translucency

2 Lightfield acquisition & display: DISCO: acquisition of translucent objects
Michael Goesele, Hendrik P. A. Lensch, Jochen Lang, Christian Fuchs, Hans-Peter Seidel
August 2004 **ACM Transactions on Graphics (TOG)**, Volume 23 Issue 3
Publisher: ACM Press
Full text available: pdf(526.75 KB) mov(24:20 MIN) Additional Information: full citation, abstract, references, index terms

Translucent objects are characterized by diffuse light scattering beneath the object's surface. Light enters and leaves an object at possibly distinct surface locations. This paper presents the first method to acquire this transport behavior for arbitrary inhomogeneous objects. Individual surface points are illuminated in our DISCO measurement facility and the object's impulse response is recorded with a high-dynamic range video camera. The acquired data is resampled into a hierarchical model of ...

Keywords: Acquisition, BSSRDF, Reflection Model, Subsurface Scattering, Translucency

3 Low-Level Image Cues in the Perception of Translucent Materials

Roland W. Fleming, Heinrich H. Bülthoff
July 2005 **ACM Transactions on Applied Perception (TAP)**, Volume 2 Issue 3
Publisher: ACM Press
Full text available: pdf(23.35 MB) Additional Information: full citation, abstract, references, index terms

When light strikes a translucent material (such as wax, milk or fruit flesh), it enters the body of the object, scatters and reemerges from the surface. The diffusion of light through translucent materials gives them a characteristic visual softness and glow. What image properties underlie this distinctive appearance? What cues allow us to tell whether a surface is translucent or opaque? Previous work on the perception of semitransparent materials was based on a very restricted physical model of ...

Keywords: Human visual perception, Metelli, illumination, image statistics, material perception, translucency, transparency

4 A type-theoretic approach to higher-order modules with sharing
Robert Harper, Mark Lillibridge
February 1994 **Proceedings of the 21st ACM SIGPLAN-SIGACT symposium on Principles of programming languages**
Publisher: ACM Press
Full text available: pdf(1.38 MB) Additional Information: full citation, abstract, references, citings, index terms

The design of a module system for constructing and maintaining large programs is a difficult task that raises a number of theoretical and practical issues. A fundamental issue is the management of the flow of information between program units at compile time via the notion of an interface. Experience has shown that fully opaque interfaces are awkward to use in practice since too much information is hidden, and that fully transparent interfaces lead to excessive interdependencies, creating p ...

5 Real-time rendering of translucent meshes
Xuejun Hao, Amitabh Varshney
April 2004 **ACM Transactions on Graphics (TOG)**, Volume 23 Issue 2
Publisher: ACM Press
Full text available: pdf(4.66 MB) Additional Information: full citation, abstract, references, index terms

Subsurface scattering is important for photo-realistic rendering of translucent materials. We make approximations to the BSSRDF model and propose a simple lighting model to simulate the effects on translucent meshes. Our approximations are based on the observation that subsurface scattering is relatively local due to its exponential falloff.In the preprocessing stage we build subsurface scattering neighborhood information, which includes all the vertices within effective scattering range from ea ...

Keywords: BSSRDF, local illumination, reflection models, subsurface scattering

6 Interface tools: Dynamic interpretations in translucent patches: representation-based applications
Axel Kramer
May 1996 **Proceedings of the workshop on Advanced visual interfaces**
Publisher: ACM Press
Full text available: pdf(745.12 KB) Additional Information: full citation, abstract, references, citings

Our goal is to empower individuals involved in design activities using the written medium, by amending it carefully with computational facilities. To preserve the fluidity and swiftness of design activities, we let users dynamically associate marks on the display

surface with interpretations that provide interesting operations to the user.Inherent to typical computer applications is a very static relationship between internal data structures and presentation. In contrast, applications in our sys ...

Keywords: application design, gestural interfaces, interaction techniques, interpretations, pen based interfaces, translucent patches

7 Objects II: Perceiving translucent materials

Roland W. Fleming, Henrik Wann Jensen, Heinrich H Bülthoff

August 2004 **Proceedings of the 1st Symposium on Applied perception in graphics and visualization APGV '04**

Publisher: ACM Press

Full text available: pdf(475.91 KB) Additional Information: full citation, abstract, references, index terms

Many common materials, including fruit, wax and human skin, are somewhat translucent. What makes an object look translucent or opaque? Here we use a recently developed computer graphics model of subsurface light transport [Jensen, *et al.*, 2001] to study the factors that determine perceived translucency. We discuss how physical factors, such as light-source direction can alter the apparent translucency of an object, finding that objects are perceived to be more translucent when illuminated ...

Keywords: perception, psychophysics, subsurface scattering

8 Using parameterized signatures to express modular structure

Mark P. Jones

January 1996 **Proceedings of the 23rd ACM SIGPLAN-SIGACT symposium on Principles of programming languages POPL '96**

Publisher: ACM Press

Full text available: pdf(1.15 MB) Additional Information: full citation, references, citings, index terms

9 Mixing translucent polygons with volumes

Kevin Kreeger, Arie Kaufman

October 1999 **Proceedings of the conference on Visualization '99: celebrating ten years**

Publisher: IEEE Computer Society Press

Full text available: pdf(373.23 KB) Additional Information: full citation, abstract, references, citings, index terms

We present an algorithm which renders opaque and/or translucent polygons embedded within volumetric data. The processing occurs such that all objects are composited in the correct order, by rendering thin slabs of the translucent polygons between volume slices using slice-order volume rendering. We implemented our algorithm with OpenGL on current general-purpose graphics systems. We discuss our system implementation, speed and image quality, as well as the renderings of several mixe ...

Keywords: mixing polygons and volumes, ray casting, translucent polygon rendering, volume rendering, voxelization

10 Transparent modules with fully syntatic signatures

Zhong Shao

September 1999 **ACM SIGPLAN Notices , Proceedings of the fourth ACM SIGPLAN international conference on Functional programming ICFP '99**, Volume

34 Issue 9
Publisher: ACM Press

Full text available: pdf(1.61 MB) Additional Information: full citation, abstract, references, citings, index terms

ML-style modules are valuable in the development and maintenance of large software systems, unfortunately, none of the existing languages support them in a fully satisfactory manner. The Official SML'97 Definition does not allow higher-order functors, so a module that refers to externally defined functors cannot accurately describe its import interface. MacQueen and Tofte [26] extended SML'97 with fully transparent higher-order functors, but their system does not have a type-theoretic semantics ...

11 Social translucence: an approach to designing systems that support social processes

Thomas Erickson, Wendy A. Kellogg
March 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 1
Publisher: ACM Press

Full text available: pdf(186.89 KB) Additional Information: full citation, abstract, references, citings, index terms, review

We are interested in desiging systems that support communication and collaboration among large groups of people over computing networks. We begin by asking what properties of the physical world support graceful human-human communication in face-to-face situations, and argue that it is possible to design digital systems that support coherent behavior by making participants and their activites visible to one another. We call such systems "socially translucent systems" and suggest ...

Keywords: CMC, CMI, CSCW, computer-mediated communication, social computing, social navigation, social visualization, visualization

12 A rapid hierarchical rendering technique for translucent materials

Henrik Wann Jensen, Juan Buhler
July 2002 **ACM Transactions on Graphics (TOG) , Proceedings of the 29th annual conference on Computer graphics and interactive techniques SIGGRAPH '02**, Volume 21 Issue 3
Publisher: ACM Press

Full text available: pdf(1.10 MB) Additional Information: full citation, abstract, references, citings, index terms

This paper introduces an efficient two-pass rendering technique for translucent materials. We decouple the computation of irradianceat the surface from the evaluation of scattering inside the material.This is done by splitting the evaluation into two passes, where the first pass consists of computing the irradiance at selected points on the surface. The second pass uses a rapid hierarchical integration technique to evaluate a diffusion approximation based on the irradiance samples. This approach ...

Keywords: BSSRDF, diffusion theory, global illumination, light transport, realistic image synthesis, reflection models, subsurface scattering

13 Structured document handling—a case for integrating databases and information retrieval

Klemens Böhm, Adrian Müller, Erich Neuhold
November 1994 **Proceedings of the third international conference on Information and knowledge management**
Publisher: ACM Press

Full text available: pdf(1.01 MB) Additional Information: full citation, abstract, references, index terms

In this paper we discuss the structured multimedia documents that will be, or already are, to some degree the communication backbone of the so-called superhighways. It will be shown that storage and retrieval of such documents will best be handled by an integration of database and information retrieval technologies. We assume documents to be structured with the help of standards like SGML/HyTime and represented by the multitude of formats currently used for multimedia data.Starti ...

14 Complex information processing: a file structure for the complex, the changing and the indeterminate

T. H. Nelson

August 1965 **Proceedings of the 1965 20th national conference**

Publisher: ACM Press

Full text available: pdf(1.35 MB) Additional Information: full citation, abstract, references, citings, index terms

THE KINDS OF FILE structures required if we are to use the computer for personal files and as an adjunct to creativity are wholly different in character from those customary in business and scientific data processing. They need to provide the capacity for intricate and idiosyncratic arrangements, total modifiability, undecided alternatives, and thorough internal documentation. I want to explain how some ideas developed and what they are. The original problem was to specify a comp ...

15 Demonstrations (video): physical and shared spaces: Tivoli: integrating structured domain objects into a freeform whiteboard environment

Thomas P. Moran, William van Melle

April 2000 **CHI '00 extended abstracts on Human factors in computing systems**

Publisher: ACM Press

Full text available: pdf(204.36 KB) Additional Information: full citation, abstract, references, citings

Tivoli is an application program to support working meetings on an electronic whiteboard. Tivoli's user interface is based on a whiteboard metaphor. It supports freeform expression by providing pen-based drawing, wiping, and gestural editing. Tivoli recognizes the spatial structure of material on the board. It provides support for *implicit structures,* such as opening and closing spaces when lists are edited. It provides techniques for organizing materials on the board by grouping them int ...

Keywords: customization, gestural UIs, implicit structure, informal UIs, meeting support tools, pen-based systems, perceptual UIs, user interface design, whiteboard metaphor

16 Specialized architectures for structured volume rendering: Scalable interactive volume rendering using off-the-shelf components

Santiago Lombeyda, Laurent Moll, Mark Shand, David Breen, Alan Heirich

October 2001 **Proceedings of the IEEE 2001 symposium on parallel and large-data visualization and graphics**

Publisher: IEEE Press

Full text available: pdf(4.10 MB) Additional Information: full citation, abstract, references, citings, index terms

This paper describes an application of a second generation implementation of the Sepia architecture (Sepia-2) to interactive volumetric visualization of large rectilinear scalar fields. By employing pipelined associative blending operators in a sort-last configuration a demonstration system with 8 rendering computers sustains 24 to 28 frames per second while interactively rendering large data volumes (1024x256x256 voxels, and 512x512x512 voxels). We believe interactive performance at these frame ...

Keywords: CFD, Clos, OpenGL, VIA, VolumePro, cluster, parallel, ray-casting, shadow

mapping, shear-warp, sort-last, volume rendering

17 Rendering: Interactive rendering of translucent deformable objects

Tom Mertens, Jan Kautz, Philippe Bekaert, Hans-Peter Seidelz, Frank Van Reeth
June 2003 **Proceedings of the 14th Eurographics workshop on Rendering EGRW '03**
Publisher: Eurographics Association

Full text available: pdf(3.04 MB) Additional Information: full citation, abstract, references, citings, index terms

Realistic rendering of materials such as milk, fruits, wax, marble, and so on, requires the simulation of subsurface scattering of light. This paper presents an algorithm for plausible reproduction of subsurface scattering effects. Unlike previously proposed work, our algorithm allows to interactively change lighting, viewpoint, subsurface scattering properties, as well as object geometry.The key idea of our approach is to use a hierarchical boundary element method to solve the integral describi ...

18 Real-time shading

Marc Olano, Kurt Akeley, John C. Hart, Wolfgang Heidrich, Michael McCool, Jason L. Mitchell, Randi Rost
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes SIGGRAPH '04**
Publisher: ACM Press
Full text available: pdf(7.39 MB) Additional Information: full citation, abstract

Real-time procedural shading was once seen as a distant dream. When the first version of this course was offered four years ago, real-time shading was possible, but only with one-of-a-kind hardware or by combining the effects of tens to hundreds of rendering passes. Today, almost every new computer comes with graphics hardware capable of interactively executing shaders of thousands to tens of thousands of instructions. This course has been redesigned to address today's real-time shading capabili ...

19 A software architecture for translucent replication

Etienne Antoniutti Di Muro
November 2005 **Proceedings of the 2nd international doctoral symposium on Middleware DSM '05**
Publisher: ACM Press
Full text available: pdf(427.22 KB) Additional Information: full citation, abstract, references, index terms

This paper outlines the expected research contribution of my Ph.D. thesis in the area of middleware for dependability. Dependability is a long-standing desirable property for today's network-based service applications but requirements of dependable systems are often conflicting in many ways, especially when dealing with performance related aspects. I describe a novel approach called *translucent replication* to address the conflicts between dependability and performance. The proposed soluti ...

Keywords: dependability, replication, semantic technology, service oriented architecture

20 Transparency & translucency: Light diffusion in multi-layered translucent materials

Craig Donner, Henrik Wann Jensen
July 2005 **ACM Transactions on Graphics (TOG)**, Volume 24 Issue 3
Publisher: ACM Press
Full text available: pdf(536.09 KB) Additional Information: full citation, abstract, references, index terms

This paper introduces a shading model for light diffusion in multi-layered translucent materials. Previous work on diffusion in translucent materials has assumed smooth semi-

infinite homogeneous materials and solved for the scattering of light using a dipole diffusion approximation. This approximation breaks down in the case of thin translucent slabs and multi-layered materials. We present a new efficient technique based on multiple dipoles to account for diffusion in thin slabs. We enhance this ...

Keywords: BSSRDF, diffusion theory, global illumination, layered materials, light transport, realistic image synthesis, reflection models, subsurface scattering

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Wednesday, August 16, 2006

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ	
☐	L5	L2 and translucent and (solar with radiation)	8
☐	L4	L3 and translucent	5
☐	L3	structure? same (thermal with comfort$)	53
☐	L2	structure? and (thermal with comfort$)	504
☐	L1	ozeki.in. and structure and (thermal with comfort)	1

END OF SEARCH HISTORY

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040133406 A1

L1: Entry 1 of 1 File: PGPB Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040133406
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040133406 A1

TITLE: Method for evaluating thermal comfort of a structure and an assisting method, program or system for designing a structure in consideration of thermal comfort

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ozeki, Yoshiichi	Kanagawa		JP
Takabayashi, Toru	Kanagawa		JP
Tanabe, Shinichi	Chiba		JP

US-CL-CURRENT: 703/2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Term	Documents
OZEKI	2267
OZEKIS	0
STRUCTURE	2344506
STRUCTURES	989072
THERMAL	752379
THERMALS	229
COMFORT	90938
COMFORTS	607
((OZEKI.IN.) AND (COMFORT WITH THERMAL) AND STRUCTURE).PGPB,USPT.	1

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20060144013 A1

L4: Entry 1 of 5 File: PGPB Jul 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060144013
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060144013 A1

TITLE: Insulated panel and glazing system comprising the same

PUBLICATION-DATE: July 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rouanet; Stephane F.	Westford	MA	US
Litrun; James N.	Pepperell	MA	US

US-CL-CURRENT: 52/782.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 20050074566 A1

L4: Entry 2 of 5 File: PGPB Apr 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050074566
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050074566 A1

TITLE: Insulated panel and glazing system comprising the same

PUBLICATION-DATE: April 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rouanet, Stephane F.	Westford	MA	US
Litrun, James N.	Pepperell	MA	US

US-CL-CURRENT: 428/34

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 3. Document ID: US 6351914 B1

L4: Entry 3 of 5 File: USPT Mar 5, 2002

US-PAT-NO: 6351914
DOCUMENT-IDENTIFIER: US 6351914 B1

TITLE: Light-transmitting building construction element

DATE-ISSUED: March 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sobek; Werner	Stuttgart			DE

US-CL-CURRENT: 52/145; 181/289, 52/783.14, 52/783.17, 52/786.11, 52/787.11, 52/791.1, 52/794.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 4. Document ID: US 4198796 A

L4: Entry 4 of 5 File: USPT Apr 22, 1980

US-PAT-NO: 4198796
DOCUMENT-IDENTIFIER: US 4198796 A

TITLE: Thermal insulation structure

DATE-ISSUED: April 22, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foster; Kenneth J.	Dedham	MA		

US-CL-CURRENT: 52/203; 52/171.3, 52/786.11

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 5. Document ID: US 3661198 A

L4: Entry 5 of 5 File: USPT May 9, 1972

US-PAT-NO: 3661198
DOCUMENT-IDENTIFIER: US 3661198 A

TITLE: APPARATUS FOR MAKING PONTIC CORES

DATE-ISSUED: May 9, 1972

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Evenson; Roger A.	San Jose	CA	95124	

US-CL-CURRENT: 164/246; 164/34, 164/91, 249/54, 249/62, 425/117, 425/404

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Term	Documents
TRANSLUCENT	72651
TRANSLUCENTS	14
(3 AND TRANSLUCENT).PGPB,USPT.	5
(L3 AND TRANSLUCENT).PGPB,USPT.	5

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20060173914 A1

L5: Entry 1 of 8 File: PGPB Aug 3, 2006

PGPUB-DOCUMENT-NUMBER: 20060173914
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060173914 A1

TITLE: Site ultraviolet radiation exposure planner

PUBLICATION-DATE: August 3, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Greenwood; John Stephen	Balmain		AU

US-CL-CURRENT: 707/104.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 20060151455 A1

L5: Entry 2 of 8 File: PGPB Jul 13, 2006

PGPUB-DOCUMENT-NUMBER: 20060151455
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060151455 A1

TITLE: Air-conditioning device for the passenger area of a vehicle

PUBLICATION-DATE: July 13, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Stowe; Stefan	Mering		DE

US-CL-CURRENT: 219/202

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 3. Document ID: US 20040133406 A1

L5: Entry 3 of 8 File: PGPB Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040133406
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040133406 A1

TITLE: Method for evaluating thermal comfort of a structure and an assisting method, program or system for designing a structure in consideration of thermal comfort

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ozeki, Yoshiichi	Kanagawa		JP
Takabayashi, Toru	Kanagawa		JP
Tanabe, Shinichi	Chiba		JP

US-CL-CURRENT: 703/2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 4. Document ID: US 6351914 B1

L5: Entry 4 of 8 File: USPT Mar 5, 2002

US-PAT-NO: 6351914
DOCUMENT-IDENTIFIER: US 6351914 B1

TITLE: Light-transmitting building construction element

DATE-ISSUED: March 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sobek; Werner	Stuttgart			DE

US-CL-CURRENT: 52/145; 181/289, 52/783.14, 52/783.17, 52/786.11, 52/787.11, 52/791.1, 52/794.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 5. Document ID: US 4473980 A

L5: Entry 5 of 8 File: USPT Oct 2, 1984

US-PAT-NO: 4473980
DOCUMENT-IDENTIFIER: US 4473980 A
**** See image for Reexamination Certificate ****

TITLE: Thermal insulation structure for windows

DATE-ISSUED: October 2, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foster; Kenneth J.	Dedham	MA		

US-CL-CURRENT: 52/202; 49/62, 52/DIG.4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 6. Document ID: US 4448187 A

L5: Entry 6 of 8 File: USPT May 15, 1984

US-PAT-NO: 4448187
DOCUMENT-IDENTIFIER: US 4448187 A

TITLE: Device for heating absorbent surfaces within an enclosed space with solar thermal radiation

DATE-ISSUED: May 15, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stulken; Leon	Hastings	NE	68901	

US-CL-CURRENT: 126/628; 126/570, 126/684, 359/591, 359/597

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 7. Document ID: US 4198796 A

L5: Entry 7 of 8 File: USPT Apr 22, 1980

US-PAT-NO: 4198796
DOCUMENT-IDENTIFIER: US 4198796 A

TITLE: Thermal insulation structure

DATE-ISSUED: April 22, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Foster; Kenneth J.	Dedham	MA		

US-CL-CURRENT: 52/203; 52/171.3, 52/786.11

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 8. Document ID: US 4014314 A

L5: Entry 8 of 8 File: USPT Mar 29, 1977

US-PAT-NO: 4014314
DOCUMENT-IDENTIFIER: US 4014314 A

TITLE: Solar energy collector panel

DATE-ISSUED: March 29, 1977

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Newton; T. Lawrence	Atherton	CA		

US-CL-CURRENT: 126/626; 126/561, 126/640, 126/907, 165/162, 165/172

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Term	Documents
TRANSLUCENT	72651
TRANSLUCENTS	14
SOLAR	60175
SOLARS	5
RADIATION	425781
RADIATIONS	11399
((2 AND TRANSLUCENT) AND (SOLAR WITH RADIATION)).PGPB,USPT.	8
(L2 AND TRANSLUCENT AND (SOLAR WITH RADIATION)).PGPB,USPT.	8

Display Format: - Change Format

Previous Page Next Page Go to Doc#